

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
|       |      | S25 and (zero) and (exclusive and or)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2007/06/04 15:50 |
|       |      | ((alter\$3) and ((code ADJ word) or codeword) and (uncorrectable or (noncorrectable) or non-correctable) and (copy and protection) and (exclusive and or) and (corrupt\$3 ADJ vector) and (zero))                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2007/06/04 15:46 |
|       |      | (alter\$3) and ((code ADJ word) or codeword) and (uncorrectable or (noncorrectable) or non-correctable) and (copy and protection) and (exclusive and or) and (corrupt\$3 ADJ vector) and (zero)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2007/06/04 15:45 |
|       |      | (alter\$3) and ((code ADJ word) or codeword) and (uncorrectable or (noncorrectable) or non-correctable) and (copy and protection) and (exclusive and or) and (corrupt\$3 ADJ vector) and zero                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2007/06/04 15:45 |
|       |      | (alter\$3) and ((code ADJ word) or codeword) and (uncorrectable or (noncorrectable) or non-correctable) and (copy and protection) and ((exclusive ADJ or) and (corrupt\$3 ADJ vector) and zero                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2007/06/04 15:44 |
|       |      | (alter\$3) and ((code ADJ word) or codeword) and (uncorrectable or (noncorrectable) or non-correctable) and (copy and protection) and ((exclusive ADJ or) or Xoring or Xored) and (corrupt\$3 ADJ vector) and zero  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2007/06/04 15:43 |
|       |      | (alter\$3) and ((code ADJ word) or codeword) and (uncorrectable or (noncorrectable) or non-correctable) and (copy and protection) and ((exclusive ADJ or) or Xoring or Xored) and ((corrupt\$3 ADJ vector) and zero | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR               | ON      | 2007/06/04 15:43 |

## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
|     |    | (alter\$3) and ((code ADJ word) or codeword) and (uncorrectable or (noncorrectable) or non-correctable) and (copy and protection) and ((exclusive ADJ or) or Xoring or Xored) and ((corrupt\$3 ADJ vector) or vector) and zero    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | ON | 2007/06/04 15:43 |
|     |    | (alter\$3) and ((code ADJ word) or codeword) and (uncorrectable or (non and correctable)) and (copy and protection) and ((exclusive ADJ or) or Xoring or Xored) and ((corrupt\$3 ADJ vector) or (corrupt\$3 and vector)) and zero | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | ON | 2007/06/04 15:42 |
| S1  | 3  | 01/15028  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/02 18:19 |
| S2  | 11 | "2386245"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/02 18:24 |
| S3  | 15 | "2402802"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | ON | 2007/06/02 18:29 |
| S4  | 2  | 2003/077246   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | ON | 2007/06/02 18:29 |
| S5  | 0  | ("7151730").URPN.   | USPAT   | OR | ON | 2007/06/02 18:32 |
| S6  | 0  | ("7151730").URPN.   | USPAT   | OR | ON | 2007/06/02 18:32 |
| S7  | 0  | ("7181673").URPN.   | USPAT   | OR | ON | 2007/06/02 18:48 |
| S8  | 0  | ("7181673").URPN.   | USPAT   | OR | ON | 2007/06/02 18:48 |
| S9  | 1  | 2004/109681   | USPAT   | OR | ON | 2007/06/02 18:50 |
| S10 | 0  | "09032905"  | USPAT   | OR | ON | 2007/06/06 09:04 |
| S11 | 2  | "09/032905"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB             | OR | ON | 2007/06/02 18:50 |
| S12 | 5  | ("6311305").URPN.   | USPAT   | OR | ON | 2007/06/02 20:41 |

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|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S13 | 0    | ("7178087").URPN.  | USPAT   | OR | ON | 2007/06/02 20:42 |
| S14 | 0    | ("7178087").URPN.  | USPAT   | OR | ON | 2007/06/04 09:05 |
| S15 | 0    | (protect\$3) and (cop\$3) and ((error ADJ correct\$3) and cod\$3) and (alter\$3) and ((code ADJ word) or codeword) and (parity) and (byte) and (uncorrectable or non-correctable) and ((higher ADJ bits) or high ) and (magnitude) and ((lower ADJ bits) or low) and (decod\$3) and (encod\$3) and ((error ADJ identifying ADJ syndrome) or error and identif\$5 and syndrome) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/04 09:58 |
| S16 | 0    | (protect\$3) and (cop\$3) and (error ADJ correct\$3) and (alter\$3) and (code ADJ word) and (parity) and (byte) and (uncorrectable or non-correctable) and (higher ADJ bits)and (magnitude) and (lower ADJ bits) and (decod\$3) and (encod\$3) and ((error ADJ identifying ADJ syndrome) or error and identif\$5 and syndrome)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/04 09:59 |
| S17 | 0    | (protect\$3) and (cop\$3) and (error ADJ correct\$3) and (alter\$3) and (code ADJ word) and (parity) and (byte) and (uncorrectable or non-correctable)and (magnitude) and (decod\$3) and (encod\$3) and ((error ADJ identifying ADJ syndrome) or error and identif\$5 and syndrome)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/04 10:00 |
| S18 | 24   | (protect\$3) and (cop\$3) and (error ADJ correct\$3) and (alter\$3) and (code ADJ word) and (parity) and (byte) and (uncorrectable or non-correctable)and (magnitude) and (decod\$3) and (encod\$3) and (error and identif\$5 and (syndrome or event))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/04 10:02 |
| S19 | 17   | "4748628"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/04 11:55 |
| S20 | 1957 | (higher ADJ order ADJ bits) and (lower ADJ order ADJ bits)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/04 11:58 |

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|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S21 | 221   | S20 and (error ADJ correct\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/04 11:59 |
| S22 | 16    | S21 and (nibble)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/04 12:15 |
| S23 | 5658  | (error and correct\$3 and encod\$3)<br>and (polynomial) and (decod\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/04 13:45 |
| S24 | 73    | S23 and (alter\$3) and ((code ADJ<br>word) or codeword) and<br>(uncorrectable or (non and<br>correctable)) and (syndrome) and<br>(identi\$5) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/04 15:34 |
| S25 | 238   | (alter\$3) and ((code ADJ word) or<br>codeword) and (uncorrectable or<br>(noncorrectable) or<br>non-correctable)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/04 15:48 |
| S26 | 203   | S25 and zero   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/04 15:47 |
| S27 | 133   | S25 and (zero) and ((exclusive and<br>"or") or Xor\$3 )  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/04 15:53 |
| S28 | 85    | S27 and ((corrupt\$3 ADJ Vector) or<br>vector) and (select\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/04 16:50 |
| S29 | 1     | 10/754368  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/05 11:48 |
| S30 | 59694 | "714".clas.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/05 11:48 |

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|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S31 | 43  | S30 and ((error ADJ correct\$3 ADJ encod\$3) or cod\$3) and (alter\$3) and ((code ADJ word) or codeword) and (zero) and ((corrupt\$ ADJ vector) or vector) and (uncorrectable or noncorrectable) and ((exclusive ADJ "or") or Xor\$3) or ((intentional ADJ error) or (intentional and error)) and (select\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/05 12:51 |
| S32 | 0   | S30 and ((corrupt\$3 ADJ vector) or vector) ADJ (exclusive ADJ "or" or Xor\$3) ADJ ((code ADJ word) or codeword)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/05 12:54 |
| S33 | 73  | S30 and ((corrupt\$3 ADJ vector) or vector) same (exclusive ADJ "or" or Xor\$3) same ((code ADJ word) or codeword)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/05 13:32 |
| S34 | 206 | S30 and ((corrupt\$3 ADJ vector) or vector) same (exclusive ADJ "or" or Xor\$3) and ((code ADJ word) or codeword)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/05 12:55 |
| S35 | 6   | S30 and ((corrupt\$3 ADJ vector) or vector) same (exclusive ADJ "or" or Xor\$3) same ((code ADJ word) or codeword) same (uncorrectable or noncorrectable)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/05 13:04 |
| S36 | 0   | ("7127660").URPN.   | USPAT   | OR | ON | 2007/06/05 13:10 |
| S37 | 0   | ("2005/0188292").URPN.  | USPAT   | OR | ON | 2007/06/05 13:23 |
| S38 | 0   | ("2005/0188292").URPN.  | USPAT   | OR | ON | 2007/06/05 13:23 |
| S39 | 0   | ("2005/0188292").URPN.  | USPAT   | OR | ON | 2007/06/05 13:23 |
| S40 | 18  | "3831143"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/05 13:39 |
| S41 | 25  | "4059825"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/05 13:56 |
| S42 | 13  | "4592054"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/05 15:02 |

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|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S43 | 12    | "5701304"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/05 15:02 |
| S44 | 1     | "09032905"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/06 09:05 |
| S45 | 2     | "09/032905"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/06 12:01 |
| S46 | 9540  | audible and clicks   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/06 10:47 |
| S47 | 8     | S46 and ((code ADJ word) or code) and (alter\$3) and (error ADJ correct\$3 ADJ encod\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/06 10:48 |
| S48 | 0     | ("6985722").URPN.  | USPAT   | OR | ON | 2007/06/06 10:36 |
| S49 | 0     | ("2004/0184611").URPN.   | USPAT   | OR | ON | 2007/06/06 10:38 |
| S50 | 34551 | audible and (noise)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/06 11:56 |
| S51 | 10    | audible and (noise) and ((code ADJ word) or code) and (alter\$3) and (error ADJ correct\$3 ADJ encod\$3) and (uncorrectable or noncorrectable) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/06 11:56 |
| S52 | 6     | S46 and ((code ADJ word) or code) and (alter\$3) and (error ADJ correct\$3 ADJ encod\$3) and (uncorrectable or noncorrectable)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/06 11:47 |
| S53 | 25    | audible and degradation  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/06 11:56 |

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|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S54 | 0   | S53 and ((code ADJ word) or code) and (alter\$3) and (error ADJ correct\$3 ADJ encod\$3) and (uncorrectable or noncorrectable) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/06 11:56 |
| S55 | 238 | (alter\$3) and ((code ADJ word) or codeword) and (uncorrectable or (noncorrectable) or non-correctable)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/06 14:12 |
| S56 | 133 | S55 and (zero) and ((exclusive and "or") or Xor\$3 )   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2007/06/06 14:12 |